

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of the claims in the application:

1. – 69. (Cancelled)

70. (Currently Amended) A networked health-monitoring system, comprising:

- i) a plurality of remote patient sites, each site including
    - at least one display;
    - a data management unit configured to facilitate collection of patient health-related data;
    - at least one memory; and
    - stored program instructions for generating health-monitoring related information on the display;
  - ii) at least one central server connectable for communication with the data management unit at each patient site; and
  - iii) at least one health care professional computer remotely located from and configured for signal communication with the central server
- wherein the system is configured to
- allow a healthcare professional to cause information to be transmitted to at least one patient and
  - display to that patient as at least one message at least some of the information caused to be transmitted by the healthcare professional.

~~patient interface system for use in collecting and transferring data from a patient, the system comprising:~~

- ~~a. a patient data receiver including:~~
  - ~~i. a monitoring unit for monitoring a health-related parameter and producing data related to the parameter; and~~
  - ~~ii. i. a patient interface having a display;~~
- ~~b. at least one processor; and~~
- ~~c. at least one memory containing stored program instructions that~~
  - ~~• are executable by the processor to cause receipt and storage of data from the patient data receiver; and~~
- ~~□ enable the patient data receiver to receive, from a central server, information to be responded to by the patient; and~~
- ~~d. a communication link associated with the processor to facilitate~~
  - ~~i. ii. transfer of the patient data to the central server and to~~
  - ~~ii. iii. \_\_\_\_\_ receive the information to be responded to by the patient from the central server.~~

71. (Currently Amended) The system ~~according to~~ of claim 70, wherein the message is selected from the set consisting of an educational message, a motivational message, and instructions~~patient interface~~ further has a plurality of buttons.
72. – 75. (Cancelled)
76. (Currently Amended) The system ~~according to~~ of claim 70~~71~~, wherein the stored program instructions further enable the ~~patient data receiver~~ to ~~present on the display~~ of pictorial a graphic representation based on at least a portion of the patient health-related input information.
77. (Currently Amended) The system of claim 70, further comprising at least one monitoring ~~unit~~ device configured to
- a. monitor at least one patient health condition; and
  - b. capture health-related data including data related to the monitored condition.
- 78 – 109. (Cancelled)
110. (New) The system of claim 70, wherein the system is configured to transmit the message to a specific patient.
111. (New) The system of claim 110, wherein the system enables the patient to choose when to receive the message.
112. (New) The system of claim 70, wherein the data management unit is physically separate from the display.
113. (New) The system of claim 70, wherein the display is in a handheld device.
114. (New) The system of claim 76, wherein the system is capable of displaying pictorial health related information.

115. (New) The system of claim 76, wherein the memory is a program cartridge.

116. (New) The system of claim 70, wherein the system generates at least one report based on the patient health-related data collected at the remote patient sites.

117. (New) The system of claim 116, wherein the report is standardized and the system is configured to allow a health care professional to select which of a plurality of standardized reports is generated.

118. (New) The system of claim 116, wherein the system is configured to cause the presentation of at least one report on the display at a remote patient site.

119. (New) The system of claim 116, wherein the healthcare professional computer receives the report after an associated healthcare professional is identified as an authorized user by an authorization code.

120. (New) The system of claim 70, wherein the system is configured to allow the patient to control the display of information using at least one menu.

121. (New) The system of claim 120, wherein the menu allows the patient to select at least one operational mode from the set consisting of:

- i) a display mode for displaying relevant information;
- ii) an input mode for providing information; and
- iii) a communications mode for establishing a link with the central server.

122. (New) The system of claim 120, wherein the menu allows a patient to select a monitoring mode in which a monitoring device is used to monitor at least one patient health condition at at least one remote patient site; and to communicate data related to the monitored condition to the central server.
123. (New) The system of claim 70, wherein the collected patient health-related data includes user experienced symptoms.
124. (New) The system of claim 70, wherein the collected patient health-related data includes food intake information.
125. (New) The system of claim 70, wherein the collected patient health-related data includes information that relates to the user's healthcare regimen.
126. (New) The system of claim 70, wherein the system is configured to enable programs to be provided from the server for storage in a memory and execution at a remote patient site.
127. (New) A method comprising:  
at a plurality of remote patient sites,
- facilitating collection of patient health-related data using a data management unit,
  - using program instructions stored in at least one memory to generate health-monitoring related information on at least one display, and
  - collecting the patient-health related data;
- connecting at least one central server for communication with the data management unit at the patient site;  
connecting a remotely located professional computer in signal communication with the central server;  
allowing a healthcare professional to cause information to be transmitted to at least one patient site; and

displaying at that patient site as at least one message at least some of the information caused to be transmitted by the healthcare professional.

128. (New) The method of claim 127, wherein the message is selected from the set consisting of a health care professional selected message, an educational message, a motivational message, and instructions.
129. (New) The method of claim 128, wherein the message is transmitted to a specific patient.
130. (New) The method of claim 129, wherein the message is transmitted to the patient when the specific patient chooses.
131. (New) The method of claim 127, further comprising :  
  
using a monitoring device to monitor at least one patient health condition at at least one remote patient site; and  
communicating patient-related data including data related to the monitored condition to the central server.
132. (New) The method of claim 120, wherein the data management unit facilitates collection of health-related data by receiving data related to the monitored condition from at least one of the monitoring devices.
133. (New) The method of claim 127, wherein the memory and the display form a part of at least one of the monitoring devices.
134. (New) The method of claim 127, wherein the display is in a handheld device.
135. (New) The method of claim 134, wherein the memory is a program cartridge.

- 136. (New) The method of claim 127, further comprising displaying pictorial health-monitoring related information.
- 137. (New) The method of claim 127, further comprising generating at least one report based on the patient health-related data collected at the remote patient sites.
- 138. (New) The method of claim 137, wherein the report is standardized and a health care professional selects which of a plurality of standardized reports is produced.
- 139. (New) The method of claim 137, further comprising displaying the report on a display at at least one remote patient site.
- 140. (New) The method of claim 137, further comprising displaying at least one of statistical and trend information.
- 141. (New) The method of claim 137, further comprising receiving the report after transmitting an authorization code to the server that identifies an associated healthcare professional as an authorized user.
- 142. (New) The method of claim 137, further comprising allowing the patient to control the display of information using at least one menu.
- 143. (New) The method of claim 142, wherein the menu allows a patient to select at least one operational mode from the set consisting of:

a display mode for displaying relevant information;  
an input mode for providing information; and  
a communications mode for establishing a link with the central server.

144. (New) The method of claim 142, wherein the menu allows a patient to select a monitoring mode in which a monitoring device is used to monitor at least one patient health condition at at least one remote patient site; and to communicate data related to the monitored condition to the central server.
145. (New) The method of claim 127, wherein the collected patient health-related data includes user experienced symptoms to the system.
146. (New) The system of claim 127, wherein the collected patient health-related data includes food intake information.
147. (New) The system of claim 127, wherein the collected patient health-related data includes information that relates to the user's healthcare regimen.
148. (New) The method of claim 127, further comprising:  
providing a program from the server to a remote patient site; and  
storing the program in a memory for execution at the remote patient site.
149. (New) A networked health-monitoring system configured to collect and process patient health-related data, the system comprising:
- i) a plurality of remote patient sites, each site including:
    - means for displaying information;
    - a data management unit means for facilitating collection of patient health-related data;
    - a memory means; and
    - a stored program means for generating health-monitoring related information on the display;
  - ii) at least one central server means connectable for communication with the data management unit at each patient site; and

iii) means for transmitting at least one message for display on at least one display and in which at least one message is a health care professional selected message.

150. (New) A networked monitoring system, comprising:

i) a plurality of remote user sites, each site including:

- at least one display,
- a data management unit configured to facilitate collection of user-related data,
- a memory, and
- stored program instructions for generating information on the display;

ii) at least one central server connectable for communication with the data management unit at each user site; and

iii) at least one computer remotely located from the user sites and remotely located from and configured for signal communication with the central server

wherein the system is configured to

- allow at least one of educational and motivational material to be displayed to at least one user,
- allow a user of the remotely located computer to cause information to be transmitted to that user, and
- generate at least one report based on the user data collected at the remote user sites.

151. (New) The system of claim 150, wherein the report is standardized and the system is configured to allow a user of the remotely located computer to select which of a plurality of standardized reports is produced.

152. (New) The system of claim 150, wherein the system is configured to cause the presentation of at least one report to a user at at least one of the remote user sites.

153. (New) The system of claim 152, wherein the report includes one of results of a test and information data for a period of time.



154. (New) The system of claim 150, wherein the remotely located computer receives the report after an associated user is identified as an authorized user by an authorization code.
155. (New) The system of claim 150, wherein the system is configured to allow the transmission of at least one message to at least one user.
156. (New) The system of claim 155, wherein the system is configured to transmit the message to a specific user.
157. (New) The system of claim 155, wherein the system enables the user to choose when to receive the message.
158. (New) The system of claim 150, wherein the display is in a handheld device.
159. (New) The system of claim 158, wherein the handheld device is capable of displaying pictorial information.
160. (New) The system of claim 158, wherein the memory is a program cartridge.
161. (New) The system of claim 150, wherein the system is configured to allow the user to control the display of information using at least one menu.
162. (New) The system of claim 161, wherein the menu allows the user to select at least one operational mode from the set consisting of:
- i) a display mode for displaying relevant information;
  - ii) an input mode for providing information; and
  - iii) a communications mode for establishing a link with the central server.

163. (New) The system of claim 150, wherein the system is configured to enable programs to be provided from the server for storage in the memory for execution at a remote user site.
164. (New) The system of claim 150, wherein the system further causes the display of instructions to the user.
165. (New) The system of claim 150, wherein the stored program instructions further enable the display of a graphic representation based on at least a portion of the user input.
166. (New) The system of claim 150, wherein the collected user-related data includes quantitative measurements.
167. (New) The system of claim 150, wherein the collected user-related data includes food intake information.
168. (New) The system of claim 150, wherein the collected user-related data includes information that relates to the user's healthcare regimen.
169. (New) The system of claim 166, wherein the user of the remotely located computer is a healthcare professional.
170. (New) A method comprising:  
at a plurality of remote patient sites,  
  - facilitating collection of user-related data using a data management unit,
  - using program instructions stored in memory to generate monitoring-related information on at least one display, and
  - collecting the user-related data;  
connecting at least one central server for communication with the data management unit at the patient site;

connecting a professional remotely located computer in signal communication with the central server;  
allowing at least one of educational and motivational material to be displayed to at least one user;  
allowing a user of the remotely located professional computer to cause information to be transmitted to that user; and  
generating at least one report based on the user data collected at the remote user site.

171. (New) The method of claim 170, wherein the report is standardized and the method further comprises:  
allowing a user of the remotely located professional computer to select which of a plurality of standardized reports is produced.
172. (New) The method of claim 170, further comprising:  
causing the presentation of at least one report to a user at at least one of the remote user sites.
173. (New) The method of claim 172, wherein the report includes at least one of results of a test, statistical information, and trend information.
174. (New) The method of claim 170, further comprising:  
receiving the report at the remotely located professional computer after an associated user is identified as an authorized user by an authorization code.
175. (New) The method of claim 170, further comprising:  
transmitting the at least one message to at least one user.
176. (New) The method of claim 175, wherein the message is transmitted to a specific user.
177. (New) The method of claim 175, wherein the user chooses when to receive the message.

178. (New) The method of claim 170, wherein the display is in a handheld device.
179. (New) The method of claim 178, wherein the handheld device is capable of displaying pictorial information based on the collected user-related data.
180. (New) The method of claim 170, wherein the memory is a program cartridge.
181. (New) The method of claim 170, further comprising:  
allowing the user to control the display of information using at least one menu.
182. (New) The method of claim 181, wherein the menu allows the user to select at least one operational mode from the set consisting of:  
a display mode for displaying relevant information;  
an input mode for providing information; and  
a communications mode for establishing a link with the central server.
183. (New) The method of claim 170, further comprising:  
enabling a program to be provided from the server for storage in a memory for execution at the remote user site.
184. (New) The method of claim 170, further comprising:  
causing the display of instructions to the user.
185. (New) The method of claim 170, wherein the stored program instructions further enable the display of a graphic representation based on at least a portion of the user input.

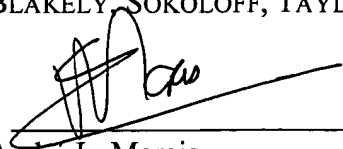
186. (New) The method of claim 170, wherein the collected user-related data includes user experienced symptoms.
187. (New) The method of claim 170, wherein the collected user-related data includes food intake information.
188. (New) The method of claim 170, wherein the collected user-related data includes information that relates to the user's healthcare regimen.
189. (New) The method of claim 170, wherein the user of the remotely located professional computer is a healthcare professional.

If there are any additional charges, please charge Deposit Account No. 02-2666.  
If a telephone interview would in any way expedite the prosecution of the present  
application, the Examiner is invited to contact André Marais at (408) 947-8200 ext. 204.

Respectfully submitted,

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